Technical Bulletin

Subject: DuraFlo-596 Compressor Requirements

Figure 1: DuraFlo-596

The Bendix **Duraflo-596** Compressor has two features that we recommend be considered carefully when maintenance is performed. The DF-596 is designed to be **naturally aspirated**, unlike many compressors that use turbo-supplied air. Also, the DF-596 uses an Energy Saving System (ESS) unloader that **requires a D-2 governor and an SV-1 synchro valve** for correct operation. Improperly configured systems may result in damage to the compressor unloader. Damages caused by incorrect installation or non-naturally aspirated applications are not covered under the warranty policy.

For ease of maintenance, Bendix provides a module for compressor-mount or remote-mount applications with the special D-2 governor and SV-1 that the DuraFlo-596 requires. If making individual repairs to the D-2 or SV-1, use only genuine Bendix parts.

Replacement Parts

Piece Number	Description
5007404	D-2/SV-1 module with braided hoses for compressor-mount or remote-mount locations.
5007116	D-2/SV-1 module with plastic hoses for remote-mount locations.
109662	D-2 (Non-standard governor used for DF-596. 110 psi to 130 psi pressure range.)
5005365	SV-1 (high durability model is used for this application.)

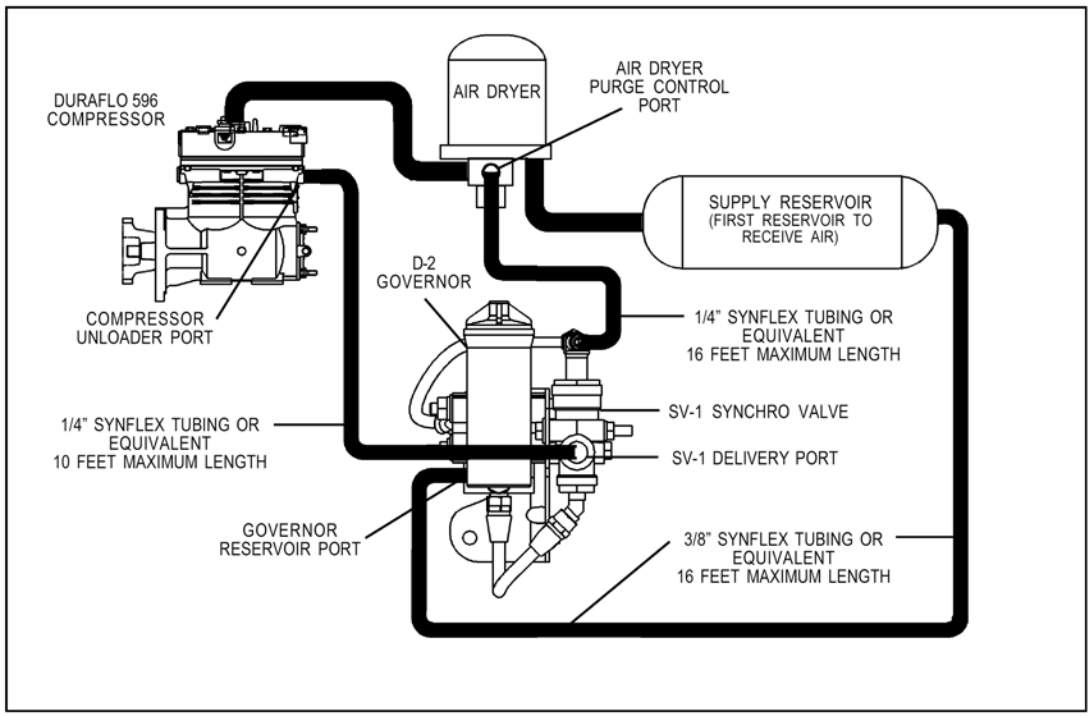

Figure 2: Typical D-2/SV-1 module installation.

For more information refer to Service Data Sheet SD-01-670 (BW1845).

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